NORTEL

Nortel Secure Network Access Switch

Documentation Roadmap

Release: 2.0
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Nortel Secure Network Access Switch
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This section contains the Nortel Networks software license.

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New in this release

The following sections detail what is new in *Nortel Secure Network Access Switch Documentation Roadmap*, (NN47230-103) for Release 2.0.

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Features

This is the first standard release of the document.

Other changes

None.

Introduction

This documentation suite is applicable to software release 2.0 of the Nortel Secure Network Access Switch. Use this document to understand where you can find specific types of information in the customer documentation suite.

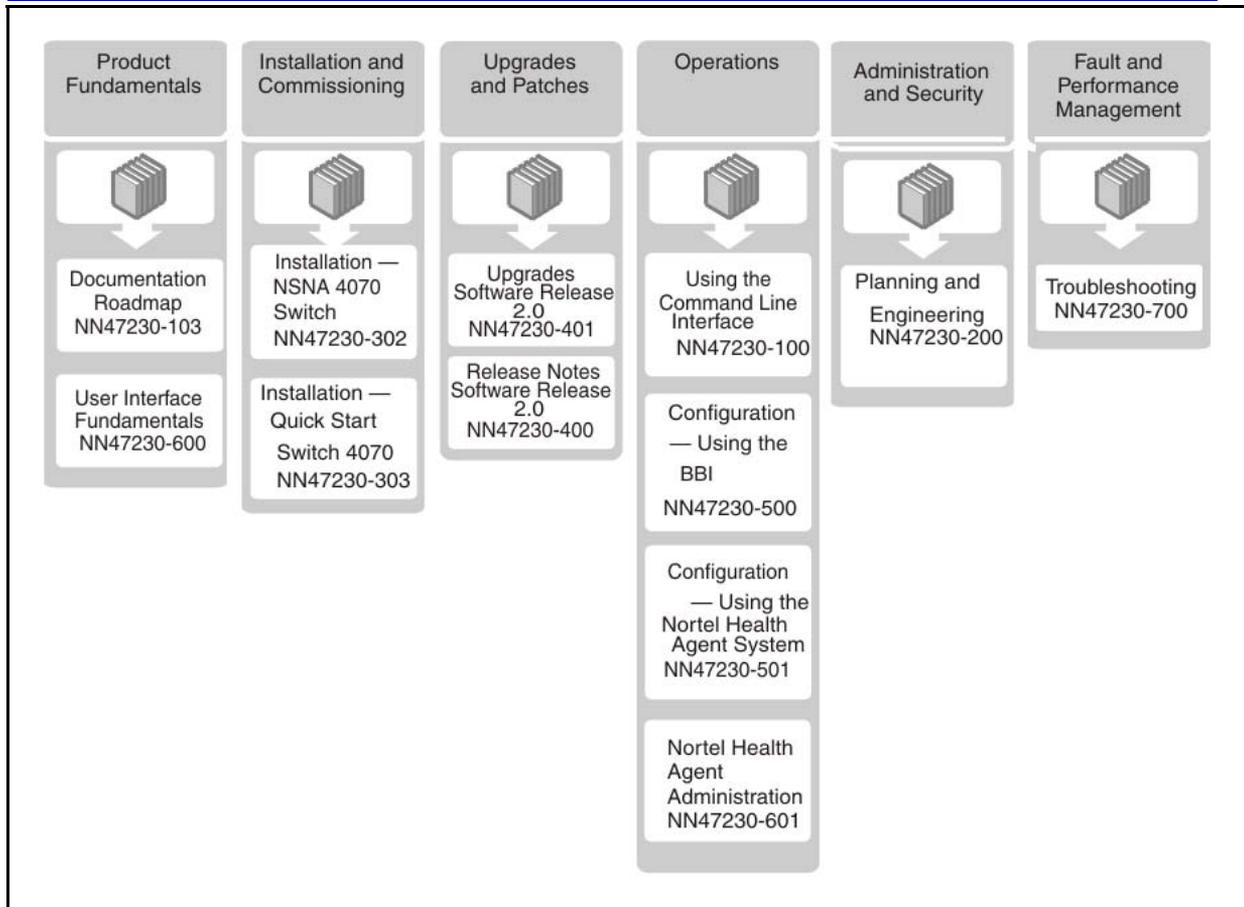## Navigation

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Roadmap

Use this chapter to find documentation for the Nortel Secure Network Access Switch.

Navigation

Nortel Secure Network Access documentation packaging

Nortel Technical Publications (NTP) are organized according to a set of job functions. For information about how the Nortel Secure Network Access Switch NTP suite is organized, see the following figure.

Product Fundamentals	Installation and Commissioning	Upgrades and Patches	Operations	Administration and Security	Fault and Performance Management
Documentation Roadmap NN47230-103	Installation — NSNA 4070 Switch NN47230-302	Upgrades Software Release 2.0 NN47230-401	Using the Command Line Interface NN47230-100	Planning and Engineering NN47230-200	Troubleshooting NN47230-700
User Interface Fundamentals NN47230-600	Installation — Quick Start Switch 4070 NN47230-303	Release Notes Software Release 2.0 NN47230-400	Configuration — Using the BBI NN47230-500		
			Configuration — Using the Nortel Health Agent System NN47230-501		
			Nortel Health Agent Administration NN47230-601		

Product fundamentals

Product fundamentals documentation includes this documentation roadmap and reference information about the product.

Document title	Description
Nortel Secure Network Access Documentation Roadmap, (NN47230-103)	This document contains an overview of the documentation suite and explains how to use task based documentation.
Nortel Secure Network Access Switch User Interface Fundamentals, (NN47230-600)	This document describes administration tasks performed after an installation or upgrade and on an ongoing basis to manage and maintain system configuration, data, and users.

Installation and commissioning

Use the installation and commissioning documentation to install the Nortel Secure Network Access Switch hardware and software and perform configuration tasks.

Document title	Description
Nortel Secure Network Access Installation -— Quick Start Switch 4070, (NN47230-303)	This document describes how to perform a typical installation of the Nortel Secure Network Access Switch 4070.
Nortel Secure Network Access Installation — NSNA Switch 4070, (NN47230-302)	This document describes how to perform a custom installation of the Nortel Secure Network Access Switch 4070.

Upgrades and patches

Use the upgrades and patches documentation enables to install and manage patches for the current software release, and to upgrade hardware and software from one release to another.

Document title	Description
Nortel Secure Network Access Switch Upgrades — Software Release 2.0, (NN47230-401)	This document contains information to upgrade the Nortel Secure Network Access Switch from one software release to another release.
Nortel Secure Network Access Switch Release Notes — Software Release 2.0, (NN47230-400)	This document provides the most recent information, errata, and known limitations for the unit and its software.

Administration and security

Use the administration and security documentation to securely manage and maintain the system configuration.

Document title	Description
Nortel Secure Network Access Switch Planning and Engineering, (NN472230-200)	This document describes the activities you must perform before you install the Nortel Secure Network Access Switch. Activities include site planning, network management, performance, and capacity requirements.

Operations

Use the operations documentation to configure services and perform required maintenance tasks.

Document title	Description
Nortel Secure Network Access Switch Configuration — Using the Browser Based Interface, (NN47230-500)	This document contains information about using the browser-based interface to perform tasks related to post commissioning configuration and routine software maintenance.

Document title	Description
Nortel Secure Network Access Switch Using the Command Line Interface, (NN47230-100)	This document contains information about using the CLI to perform tasks related to post commissioning configuration and routine software maintenance.
Nortel Secure Network Access Switch Configuration — Using the Nortel Health Agent System (NN47230-501)	This document contains information about configuring the Nortel Health Agent.
Nortel Secure Network Access Switch — Nortel Health Agent Administration (NN47230-601)	This document contains information about configuring the Nortel Health Policy Administrator.

Fault and performance management

Use the fault and performance management documentation to manage faults and optimize the performance of your Nortel Secure Network Access Switch.

Document title	Description
Nortel Secure Network Access Switch Troubleshooting, (NN47230-700)	This document describes common faults and error messages with the techniques to resolve them.

Information quality

Documents are delivered with either a Draft, Preliminary, or Standard designation for the entire book, but the content for a specific feature can be at a different stage of development.

The status definitions are as follows:

- Draft: Information is written and reviewed for technical content, but the feature is still under development and change is expected.

- Preliminary: Development of the feature content is complete and is considered stable. The content is reviewed and tested internally.

- Standard: The feature content is included in external trials and is suitable for delivery to customers.

Text conventions

This chapter describes the text conventions used throughout the Nortel Secure Network Access Switch documentation suite.

angle brackets (less than, greater than)

Indicate that you choose the text to enter based on the description inside the brackets. Do not type the brackets when entering the command. For example, if the command syntax is `ping <ip_address>` you enter `ping 192.32.10.12`.

asterisk

In command syntax, the asterisk indicates that you can enter multiple instances of the preceding parameter.

bold Courier text

Indicates command names and options and text that you need to enter.

Example: Use the `debug portal` command.

Example: Enter `show interface`.

braces ({})

Indicate required elements in syntax descriptions where there is more than one option. You must choose only one of these options. Do not type the braces when entering the command. For example, if the command syntax is
`add loghost [server=] [[facility=] {local0, local1, local2, local3, local4, local5, local6, local7}]`
you can enter either
`add loghost server=10.11.12.10 facility=local2`
OR
`add loghost server=10.11.12.10 facility=local3`

brackets ([ ])

Indicate optional elements in syntax descriptions. Do not type the brackets when entering the command. For example, if the command syntax is
add user [epwd=] [priv={U, SU, SSU}]
you can enter
add user name=james epwd=pword priv=u,
or you can enter
add user james,
and leave out the terms shown in brackets.

ellipsis points (...)

Indicate that you repeat the last element of the command as needed. For example, if the command syntax is
ethernet/2/1 [] ...
you enter
ethernet/2/1
and as many parameter-value pairs as needed.

italic text

Indicates book titles.

plain Courier text

Indicates system output such as prompts and system messages, for example:
`Set Trap Monitor Filters.`

separator (greater than symbol)

Shows menu paths. For example, File > SCS configuration identifies the SCS configuration option in the File menu.

vertical line (|)

Indicates the choices. Do not type the vertical line when entering the command. For example, if the command syntax is
check sub [sub]=<subid> | sub=<subname> [isp]=<ispname>
you can enter
check sub sub=345 isp=blue
OR
check sub sub=james isp=blue

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The asterisk after a name denotes a trademarked item.

Modular task-based information

Modular task-based information (MTBI) is a quick reference for using the Nortel Secure Network Access Switch task-based documentation. MTBI describes the structure of task-based information and how it can be used most effectively.

Navigation

Task-based documentation

Task-based documentation is a new way of packaging customer information in a structured, modular, task-centric format.

Task-based documentation focuses on what the user must do and the sequence in which to perform tasks.

The goal is to make Nortel documentation easy to find, easy to use, timely, and accurate.

To understand the relationship between work flows, task flows, and procedures, see Figure 1 "Work flows, task flows, and procedures in task-based documentation" (page 24).

Figure 1
Work flows, task flows, and procedures in task-based documentation
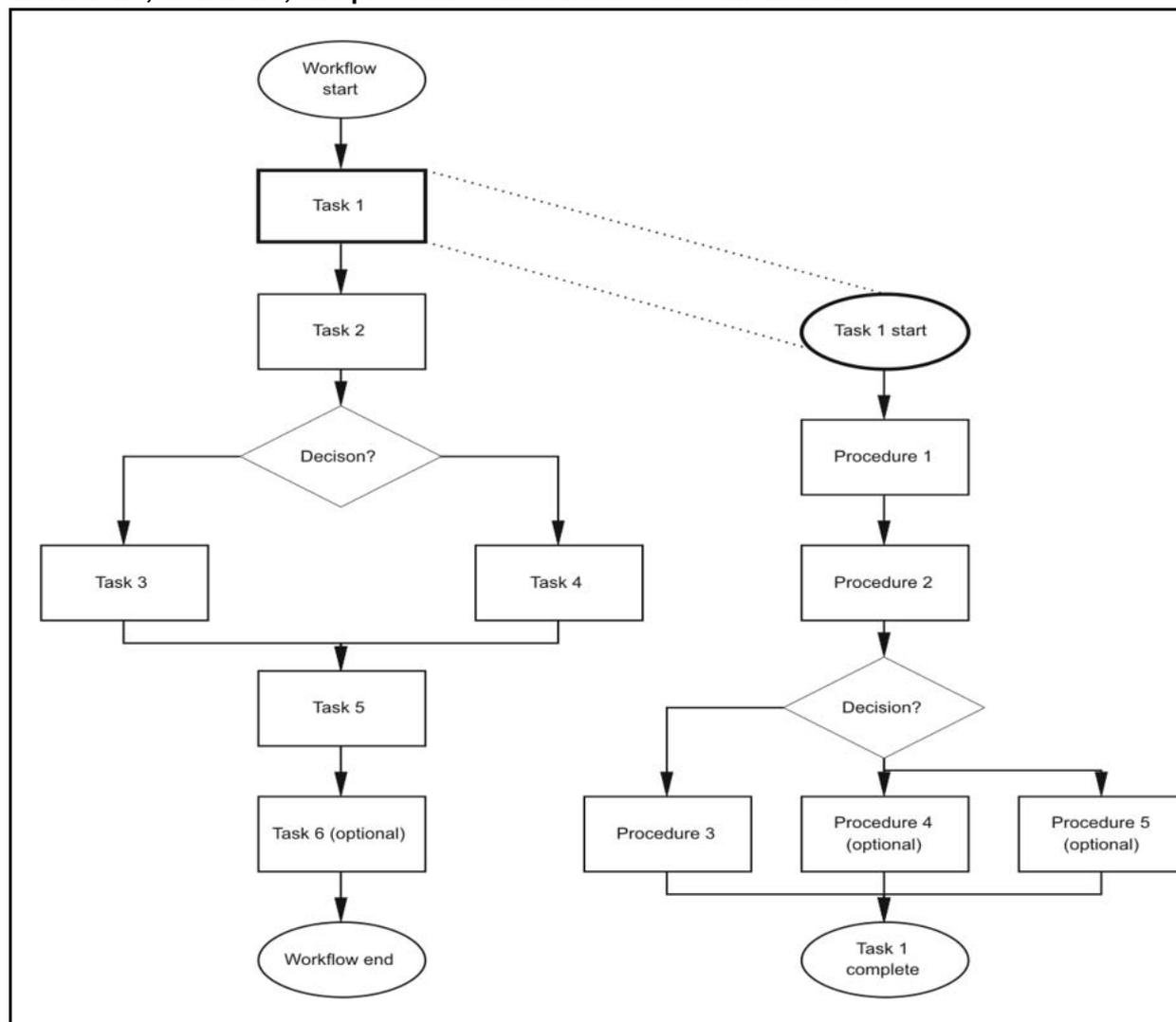
How is task-based documentation used?

In task-based documentation, procedural information is included in the document. Supporting conceptual and reference information is provided, and the user is guided on how to use conceptual and reference material by identified prerequisites or direct links and references.

The user navigates the information by following the flows that are provided for tasks and procedures.

Task flow overview

Task flows are flowcharts that illustrate which procedures and decisions are involved to complete an activity.

The task flows guide you through activities to use the Nortel Ethernet Routing Switch 8600, whether it is configuration, upgrading, installation, maintenance, or troubleshooting.

Each flow provides the prerequisites and links to the tasks or procedures.

To perform or refer to a procedure, always follow the task flow. Following the task flows ensures that you meet all the requirements for successful completion of the task.

Work flows, task flows, and procedures

Work flows, task flows, and procedures have similar elements to maintain consistency and usability. Each section has a specific function.

- "Purpose statements" (page 25)
- "Prerequisites" (page 25)
- "Work flows or task flows" (page 25)
- "Procedure steps" (page 25)
- "Example procedures" (page 26)
- "Variable definitions" (page 26)
- "Job aid" (page 26)

To understand the relationship between work flows, task flows, and procedures, see Figure 1 "Work flows, task flows, and procedures in task-based documentation" (page 24).

Purpose statements

Purpose statements explain why or when you would perform a work flow, task, or procedure and its impact.

Prerequisites

Prerequisites lists everything you must do or understand before you start the workflow, task, or procedure, such as tasks that should already be completed, risks, confirmation of system status, required knowledge, time estimates or limitations, and links to supporting information.

The prerequisite section is omitted if no required prerequisites exist.

Work flows or task flows

This section is the flow chart diagram that represents the task flow with navigational links to the tasks or procedures in the flow.

Procedure steps

Procedures provide numerical steps that help you perform the procedure. Each step is a single action.

Example procedures

Some procedures use examples to show how to correctly perform the procedure with realistic settings.

Variable definitions

Variable definitions provide the possible values, ranges, or definitions of variables used in the procedure steps.

If variables are not used in the procedure, then the variables definition section is omitted.

Job aid

Job aids provide information help to successfully perform the procedure.

The job aid is only used when required.

Task-based documentation terms

Task-based documentation uses the following terms.

Term	Description
Work flow	A high-level or top-level group of tasks.
Task or task flow	A logical group of procedures that is represented as a single action in a flowchart diagram. Complex tasks can be divided into simpler tasks or subtasks.
Procedure	A logical group of steps that can be described as a single action in a task.
Step	A single action that is performed in a procedure.
Variable	A placeholder in procedure steps that can represent a value or definition.

Restructuring Nortel technical documents into a task-based format is an ongoing initiative. The documentation for some Nortel products is already converted to the new format.

Customer service

Visit www.nortel.com to access the complete range of services and support that Nortel provides, or go to one of the pages listed in the following sections.

Navigation

- "Updated versions of documentation" (page 27)
- "Getting help" (page 27)
- "Express Routing Codes" (page 27)
- "Additional information" (page 28)

Updated versions of documentation

You can download and print the latest versions of Nortel Secure Network Access Switch NTPs and Release Notes directly from the Internet at www.nortel.com/documentation.

Getting help

If you purchased a service contract for your Nortel product from a distributor or authorized reseller, contact the technical support staff for that distributor or reseller for assistance.

If you purchased a Nortel service program, you can get help by contacting one of the Nortel Technical Solutions Centers found at www.nortel.com/callus; or visit the Technical Support site at www.nortel.com/support.

Express Routing Codes

An Express Routing Code (ERC) is available for many Nortel products and services, for example, the ERC for Nortel Secure Network Access Switch is 1766.

When you use an ERC, your call is routed to a technical support person who specializes in supporting that particular product or service. To locate an ERC for any product or service, go to www.nortel.com/erc.

Additional information

Use the information in the following table to access other areas of the Nortel Web site.

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Nortel Secure Network Access Switch

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